

```

graph LR
    WWW[WWW  
20] --> VBD[VIRTUAL BROADCAST DEVICE  
10]
    VBD --> WWW
  
```

The diagram illustrates the system architecture. It consists of two main blocks: "CONVENTIONAL BROADCAST EQUIPMENT" on the left and "VIRTUAL BROADCAST DEVICE" on the right. An arrow labeled "SUBSIGNAL" points from the "CONVENTIONAL BROADCAST EQUIPMENT" block to the "VIRTUAL BROADCAST DEVICE" block. Reference numeral 23 points to the "CONVENTIONAL BROADCAST EQUIPMENT" block, and reference numeral 10 points to the "VIRTUAL BROADCAST DEVICE" block.

FIG. 1(b)

FIG. 2

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graph TD; 100[SELECT WEB SITE] --> 110[USER ENTERS PERSONAL INFORMATION AND CONTENT PREFERENCES]; 110 --> 120[USER-TARGETED DATA DOWNLOADED]; 120 --> 130[DOWNLOADED DATA FORMED INTO BROADCAST]; 130 --> 140[UPLOAD USER ADJUSTMENTS TO BROADCAST];
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The flowchart illustrates a five-step process for user adjustments to a broadcast. It begins with a box labeled 'SELECT WEB SITE' (100), which has two black circles above it. An arrow points down to 'USER ENTERS PERSONAL INFORMATION AND CONTENT PREFERENCES' (110). Another arrow points down to 'USER-TARGETED DATA DOWNLOADED' (120). A third arrow points down to 'DOWNLOADED DATA FORMED INTO BROADCAST' (130). Finally, an arrow points down to 'UPLOAD USER ADJUSTMENTS TO BROADCAST' (140). Each step is enclosed in a rectangular box with a reference number to its right.

FIG. 3

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graph TD; 200[DOWNLOAD FILES FOR ORIGINAL BROADCAST] --> 210[VIEW INITIAL BROADCAST]; 210 --> 220[PERIODICALLY UPDATE BROADCAST]; 220 --> 230[VIEW UPDATED BROADCAST];
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The flowchart illustrates a four-step process for broadcast updates. It begins with a box labeled '200' containing the text 'DOWNLOAD FILES FOR ORIGINAL BROADCAST'. A downward arrow connects this to a second box labeled '210' containing 'VIEW INITIAL BROADCAST'. Another downward arrow connects box '210' to a third box labeled '220' containing 'PERIODICALLY UPDATE BROADCAST'. A final downward arrow connects box '220' to a fourth box labeled '230' containing 'VIEW UPDATED BROADCAST'. Each box is a rectangle with a black border, and the arrows are solid black lines pointing downwards.

FIG. 4